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REMARKS

Applicants gratefully acknowledge that claims 2, 3, 8-12, 15-19, 21-24, and 26-34 are allowed.

Claims 2, 3, 8-19, 21-24, and 26-34 are pending in the application. This Amendment currently amends claims 13 and 14. No new matter is added to currently amended claims 13 and 14. Claims 13 and 14 are amended to merely clarify the subject matter of the claims and in no way narrow the scope of the claims in order to overcome the prior art or for any other statutory purpose of patentability.

Notwithstanding any claim amendments of the present Amendment or those amendments that may be made later during prosecution, Applicants' intent is to encompass equivalents of all claim elements. Reconsideration in view of the foregoing amendments and the following remarks is respectfully requested.

Claims 13 and 14 stand rejected under 35 U.S.C. §103(a) as anticipated by U.S. Patent No. 6,386,720 to Mochizuki.

This rejection is respectfully traversed in view of the following discussion.

I. THE CLAIMED INVENTION

The claimed invention, as described in independent claim 13, is directed to a color-filterless full color liquid-crystal display device that comprises a liquid-crystal shutter portion including a twisted nematic (TN) liquid crystal, and a backlight portion including light source units and a planar lightguide, in which the light source units comprise at least one red light-emitting device (LED), at least one green LED, and at least one blue LED, in which a first number corresponds to the at least one blue LED, a second number corresponds to the at least one red LED, and a third number corresponds to the at least one green LED, and the second number is larger than at least one of the first number and the third number, and in which the light source units are disposed on an edge of the planar light guide.

The claimed invention, as described in independent claim 14, is directed to a color-filterless full color liquid-crystal display device that comprises a liquid-crystal shutter portion including a super twisted nematic (STN) liquid crystal, and a backlight portion including light

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source units and a planar lightguide, in which the light source units comprise at least one red light-emitting device (LED), at least one green LED, and at least one blue LED, in which a first number corresponding to the at least one blue LED is larger than a second number corresponding to the at least one red LED, and the first number corresponding to the at least one blue LED is not smaller than a third number corresponding to the at least one green LED, and in which the light source units are disposed on an edge of the planar light guide.

II. THE PRIOR ART REJECTION

The Mochizuki Reference

Mochizuki discloses a light source device and optical apparatus that is constructed by repeating the arrangement of a red LED, a green LED and a blue LED a plurality of times. Hence, the Examiner asserts that the numbers of blue, red, and green LEDs in Mochizuki are substantially equal.

Claim 13 recites at least the features of "a first number corresponds to said at least one blue LED, a second number corresponds to said at least one red LED, and a third number corresponds to said at least one green LED, and said second number is larger than at least one of said first number and said third number."

Claim 14 recites at least the features of "wherein ... the first number corresponding to said at least one blue LED is larger than a third number corresponding to said at least one green LED."

The present invention describes a color-filterless full color liquid-crystal display device that comprises a larger number of red LEDs than either green or blue LEDs in claim 13, and a color-filterless full color liquid-crystal display device that comprises a larger number of blue LEDs than green LEDs in claim 14. In contrast, Mochizuki describes a light source device and optical apparatus having substantially equal numbers of blue, red, and green LEDs.

For at least the reasons outlined above, Applicants respectfully submit that Mochizuki does not teach or suggest every feature of claims 13 and 14. Accordingly, Mochizuki does not render obvious the subject matter of claims 13 and 14 under 35 U.S.C. §103(a). Withdrawal of the rejection of claims 13 and 14 under 35 U.S.C. §103(a) as unpatentable

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over Mochizuki is respectfully solicited.

III. CONCLUSION

In view of the foregoing, Applicant submits that claims 2, 3, 8-19, 21-24, and 26-34 all the claims presently pending in the application, are patentably distinct over the prior art of record and are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue at the earliest possible time.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

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The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Attorney's Deposit Account No. 50-0481.

Respectfully Submitted,

Date: 3/22/04

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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that I am filing this Amendment by facsimile with the United States Patent and Trademark Office to Examiner David V. Chung, Group Art Unit 2871 at Official Facsimile Number (703) 872-9306 this 22th day of March, 2004.

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